

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A touch probe ~~(10,50)~~ comprising:
a probe body ~~(12,52)~~ housing first locating elements ~~(23,58)~~;
a stylus holder ~~(16,54)~~ having second locating elements ~~(24,57)~~ which co-operate with the first locating elements to locate the stylus holder within the probe body; and
a bias ~~(36,68,86)~~ to urge the first and second locating elements into contact,
characterised in that;
an element ~~(35,50,76,90)~~ is provided to damp motion between the probe body and the stylus holder.
2. (Currently Amended) A touch probe according to claim 1 wherein the element ~~(35,50,76,90)~~ slows a relative movement between the first and second locating elements.
3. (Currently Amended) A touch probe according to claim 2 wherein the element ~~(35,50,76,90)~~ slows the relative movement by resisting the urging of the bias.
4. (Currently Amended) A touch probe according to ~~any preceding claim~~ claim 1 wherein the element ~~(35,50,76,90)~~ is slidably mounted with respect to one of the probe head and stylus holder.
5. (Currently Amended) A touch probe according to claim 4 wherein the element ~~(35,76)~~ is slidably mounted with respect to both the probe head and stylus holder.

6. (Currently Amended) A touch probe according to claim 4 wherein the element ~~(90)~~ is rotatably mounted with respect to one of the probe head and stylus holder.

7. (Currently Amended) A touch probe according to claim 1 wherein the element ~~(50)~~ absorbs energy produced by a relative movement between the probe body and stylus holder.

8. (Original) A touch probe according to claim 7 wherein the element is lossy.

9. (Original) A touch probe according to claim 8 wherein the element includes at least two materials and at least one of which is lossy.

10. (Original) A touch probe according to claim 9 wherein a lossy material is carbon powder.

11. (Original) A touch probe according to claim 10 wherein, between 10 and 120 pph of carbon powder is used.

12. (Currently Amended) A touch probe according to ~~any preceding claim~~ claim 1 wherein, the first locating elements each comprise a pair of balls ~~(23)~~ which form a v-shaped seat and the second locating elements each comprise a roller ~~(24)~~ which supports the stylus holder ~~(16)~~ on the v-shaped seat.

13. (Currently Amended) A touch probe according to ~~any of claims 1 to 11~~ claim 1 wherein, the first locating elements each comprise a ball ~~(58)~~ and the second locating elements each comprise a v shaped groove ~~(57)~~ which partially houses a ball and is supported thereon.